

Commercial Diving: Job Hazard

JOB HAZARD ANALYSIS (JHA)

Before any underwater task is begun, a job safety analysis (JHA) shall be performed.

The purpose of the JHA is to provide a written document identifying hazards associated with each step of a job and develop solutions that will either reduce, eliminate or guard against hazards. On the JHA, sentences should be short and simple. The ADCI sample JHA form in the Section 11: Reference Materials can be copied and used as is or modified to suit individual company needs.

- 1. Sequence of Basic Job Steps
- Break the job into observable steps. Do not be too general or overly detailed.
- If the job is complex, break it into several tasks and prepare a JHA for each task.
- Begin with an active verb, e.g., disconnect, check, invert, assemble, isolate, start, stop, etc.
- Number each step.
- 2. Potential Hazards

- Identify possible hazards associated with each step and list that hazard opposite the job step.
- Consider potential accident causes (strain, sprain, slip, fall, cut, crush, etc.).
- Consider environmental and health hazards (vapors, gasses, heat, noise, toxicity, etc.).
- 3. Recommend Safe Procedures and Protection
- Develop solutions for each potential hazard and list the solution opposite the hazard.
- Detail controls, e.g., ventilate, isolate, allow to cool, secure, guard, train, etc.
- List personal protective equipment (PPE) required, e.g., gloves, eye protection, respirators, fall protection, etc.
- 4. Assign Responsibility

- Assign a specific person the responsibility of implementing the safety procedures or protection required.
- 5. Personnel Involved
- Identify the persons preparing, reviewing and approving the JHA.
- Distribute the JHA to all personnel involved in the job or task and ensure that each person is familiar with the contents of the JHA.
- 6. Revising the JHA
- The JHA should be reviewed and updated whenever new equipment, products or procedures are introduced into the work site. This is especially true if an accident has occurred on a task upon which a JHA has been performed.

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Date

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Signature